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Robert  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Min Cao et al.

SERIAL NO.: 09/217,740

FILING DATE: 12/21/98



EXAMINER: Owens, D.

GROUP ART UNIT: 2811

TITLE: Local Oxidation Of A Sidewall Sealed Shallow Trench For Providing  
Isolation Between Devices Of A Substrate

AMENDMENT

THE ASSISTANT COMMISSIONER OF PATENTS  
WASHINGTON, D.C. 20231

RECEIVED  
MAY 25 2000  
TC 2800 MAIL ROOM

Sir:

In response to the Office Action dated February 23, 2000, in the above-identified patent application, Applicants respectfully request reconsideration of the application in view of the following Amendments and Remarks.

IN THE CLAIMS:

Please AMEND claims 1, 5, and DELETE claim 3 as follows:

BI [Signature] 1. (Amended) A semiconductor isolation structure comprising:

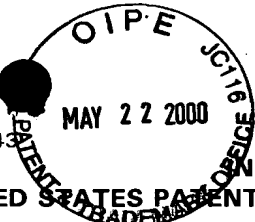
a substrate, the substrate comprising a surface;

a first device and a second device formed within the substrate;

an isolation region formed within the substrate between the first device and the second device, the isolation region comprising:

a deep region which extends into the substrate, the deep region comprising

a deep region cross-sectional area;



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Title: LOCAL OXIDATION OF A SIDEWALL SEALED SHALLOW TRENCH FOR PROVIDING ISOLATION BETWEEN DEVICES OF A SUBSTRATE

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
( ) No additional fee (Address envelope to "Box Non-Fee Amendments")  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	5	MINUS	5	= 0	X \$18	\$ 0
INDEP. CLAIMS	2	MINUS	2	= 0	X \$78	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$260	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$380.00	3RD MONTH \$870.00	4TH MONTH \$1360.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: May 17, 2000

Typed Name: Marti Bickler

Signature: Marti Bickler

Respectfully submitted,

Min Cao et al.

By Brian R. Shurt

Brian R. Shurt

Attorney/Agent for Applicant(s)

Reg. No. 41,309

Date: 5/17/00